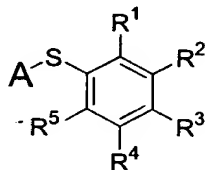


CLAIMS

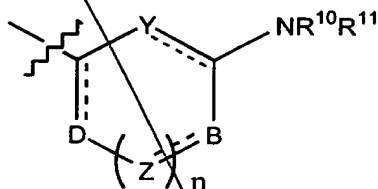
We claim:

1. A compound of the structure



wherein R^1 , R^2 , R^3 , R^4 and R^5 are each independently selected from the group consisting of hydrogen, halogen, alkyl, haloalkyl, alkoxy, cyano, nitro, cycloalkyl and carboxaldehyde;

with the proviso that at least one of R^1 or R^3 is



wherein D , B , Y and Z at each occurrence are independently selected from the group consisting of $-CR^6=$, $-CR^7R^8-$, $-C(O)-$, $-O-$, $-SO_2-$, $-S-$, $-N=$, and $-NR^9-$;

n is an integer of zero to three;

R^6 , R^7 , R^8 and R^9 , at each occurrence, are each independently selected from the group consisting of hydrogen, alkyl, carboxy,

hydroxyalkyl, alkylaminocarbonyl alkyl,
dialkylaminocarbonylalkyl and carboxyalkyl; and

\dialkylaminocarbonylalkyl and carboxyalkyl; and

R^{10} and R^{11} are each independently selected from the group consisting of

hydrogen, alkyl, cycloalkyl, alkoxyalkyl, alkoxycarbonylalkyl,

carboxyalkyl, hydroxyalkyl, heterocyclyl, heterocyclylalkyl and

heterocyclylamino;

wherein R¹⁰ and R¹¹ may be joined to form a three to seven membered

heterocyclyl ring, said ring being optionally substituted with one or more

substituents R^{13} , wherein R^{13} , at each occurrence is independently selected

from the group consisting of alkyl, alkylene, alkoxy, alkoxyalkyl,

cycloalkyl, aryl, heterocyclyl, heterocyclylalkyl, heterocyclylcarbonyl,

heterocyclylalkylaminocarbonyl, hydroxy, hydroxyalkyl,

hydroxyalkoxyalkyl, carboxy, carboxyalkyl, carboxycarbonyl,

carboxaldehyde, alkoxycarbonyl, arylalkoxycarbonyl, aminoalkyl,

aminoalkanoyl, aminocarbonyl, ~~carboxamido~~, alkoxycarbonylalkyl,

carboxamidoalkyl, cyano, tetrazolyl, alkanoyl, hydroxyalkanoyl,

alkanoyloxy, alkanoylamino, alkanoyloxyalkyl, alkanoylaminoalkyl,

sulfonate, alkylsulfonyl, alkylsulfonylaminocarbonyl,

arylsulfonylaminocarbonyl and heterocyclisulfonylaminocarbonyl;

20 wherein A is an aryl or heterocyclyl group, said aryl or heterocyclyl group having at least

one substituent R^{12} , wherein R^{12} , at each occurrence, is independently selected

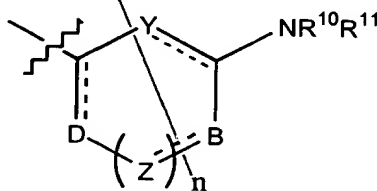
from the group consisting of hydrogen, halogen, alkyl, aryl, haloalkyl, hydroxy,

alkoxy, alkoxyalkyl, alkoxycarbonyl, alkoxyalkoxy, hydroxyalkyl, aminoalkyl,

aminocarbonyl, alkyl(alkoxycarbonylalkyl) aminoalkyl, heterocyclyl,
heterocyclylalkyl, carboxaldehyde, carboxaldehyde hydrazone, carboxamide,
alkoxycarbonylalkyl, carboxy, carboxyalkyl, carboxyalkoxy,
hydroxyalkylaminocarbonyl, cyano, amino, heterocyclylalkylamino,
carboxythioalkoxy, carboxycycloalkoxy, thioalkoxy, carboxyalkylamino, trans-
cinnamyl and heterocyclylalkylaminocarbonyl; and
wherein $R^1, R^2, R^3, R^4, R^5, R^6, R^7, R^8, R^9, R^{10}, R^{11}, R^{12}$ and R^{13} are unsubstituted
or substituted with at least one electron donating or electron withdrawing
group;

or a pharmaceutically-acceptable salt, optical isomer or prodrug thereof.

2. The compound of claim 1 wherein R^3 is



D, B, Y and Z at each occurrence are independently selected from the
group consisting of $-CR^6=$, $-CR^7R^8-$, $-C(O)-$, $-O-$, $-SO_2-$, $-S-$,
 $-N=$, and $-NR^9-$;

n is an integer of zero to three;

R^6, R^7, R^8 and R^9 , at each occurrence, are each independently selected
from the group consisting of hydrogen, alkyl, carboxy,

hydroxyalkyl, alkylaminocarbonyl alkyl,
dialkylaminocarbonylalkyl and carboxyalkyl;
 R^{10} are each independently selected from the group consisting of hydrogen, alkyl, cycloalkyl, alkoxyalkyl, alkoxycarbonylalkoxyalkyl, hydroxyalkyl, heterocyclyl, heterocyclylalkyl, heterocyclylamino;
 R^{10} and R^{11} may be joined to form a three to seven membered heterocyclyl ring, said ring optionally being substituted with substituents R^{13} , wherein R^{13} at each occurrence is independent from the group consisting of alkyl, alkylene, alkoxy, alkeno-
cycloalkyl, aryl, heterocyclyl, heterocyclylalkyl, heterocyclylheterocyclylalkylaminocarbonyl, hydroxyl, hydroxyalkyl, hydroxyalkoxyalkyl, carboxyl, carboxyalkyl, carboxycarboaldehyde, alkoxycarbonyl, arylalkoxycarbonyl, aminoalkanoyl, aminocarbonyl, carbamidate, alkoxycarbamidate, cyano, tetrazolyl, alkanoyl, hydroxyalkyl, alkanoyloxy, alkanoylamino, alkanoyloxyalkyl, alkanoylsulfonate, alkylsulfonyl, alkylsulfonylaminocarbonyl, alkylsulfonylaminocarbonyl and heterocyclisulfonylaminocarbonyl.
are each independently selected from the group consisting of hydrogen, haloalkyl and nitro; and
are each independently selected from the group of hydro-

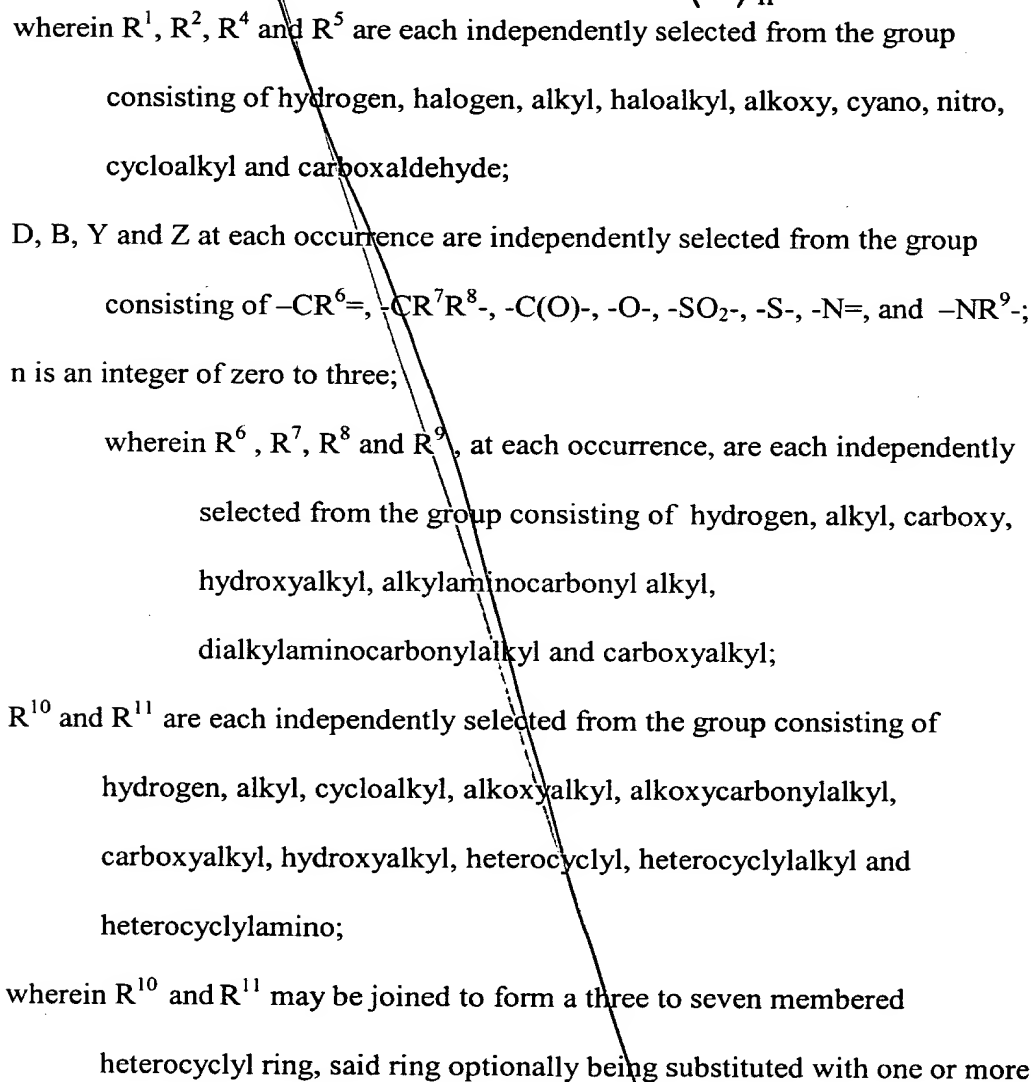
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wherein R¹, R², R⁴ and R⁵ are each independently selected from the group consisting of hydrogen, halogen, alkyl, haloalkyl, alkoxy, cyano, nitro, cycloalkyl and carboxaldehyde;

D, B, Y and Z at each occurrence are independently selected from the group consisting of -CR⁶=, -CR⁷R⁸-, -C(O)-, -O-, -SO₂-, -S-, -N=, and -NR⁹-;

n is an integer of zero to three;

wherein R⁶, R⁷, R⁸ and R⁹, at each occurrence, are each independently selected from the group consisting of hydrogen, alkyl, carboxy, hydroxyalkyl, alkylaminocarbonyl alkyl, dialkylaminocarbonylalkyl and carboxyalkyl;

R¹⁰ and R¹¹ are each independently selected from the group consisting of hydrogen, alkyl, cycloalkyl, alkoxyalkyl, alkoxycarbonylalkyl, carboxyalkyl, hydroxyalkyl, heterocyclyl, heterocyclylalkyl and heterocyclylamino;

wherein R¹⁰ and R¹¹ may be joined to form a three to seven membered heterocyclyl ring, said ring optionally being substituted with one or more

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4. The compound of claim 3 wherein p is one;

R^4 and R^5 are hydrogen;

R^{12} is selected from the group consisting of halogen, alkyl, alkoxy,

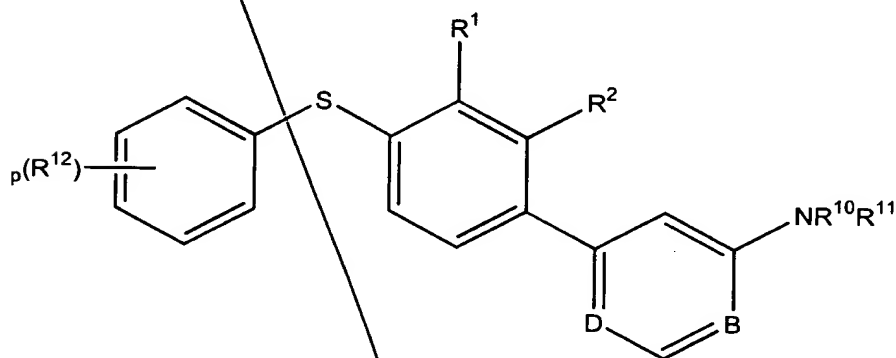
carboxyalkoxy, carboxyalkyl and heterocyclyl; and

R^{10} and R^{11} are joined to form a three to seven membered heterocyclyl ring; said

ring selected from the group consisting of piperidine, piperazine,

morpholine, pyrrolidine and azetidine.

5. The compound of claim 1 of the structure



wherein D and B are each independently selected from the group consisting of

$-N=$ and $-CR^6=$;

R^1 and R^2 are each independently selected from the group consisting of hydrogen,

halogen and haloalkyl;

R^{10} and R^{11} are each independently selected from the group consisting of

hydrogen, alkyl, cycloalkyl, alkoxyalkyl, alkoxycarbonylalkyl,

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6. The compound of claim 5 wherein p is one;

R¹² is selected from the group consisting of halogen, alkyl, alkoxy,

carboxyalkoxy, carboxyalkyl and heterocyclyl; and

R¹⁰ and R¹¹ are joined to form a three to seven membered heterocyclyl ring; said ring selected from the group consisting of piperidine, piperazine, morpholine, pyrrolidine and azetidine.

7. The compound of claim 1 selected from the group consisting of 1-(6-(4-(2-isopropyl-phenylsulfanyl)-3-trifluoromethyl-phenyl)-pyrimidin-4-yl)-piperidine-3-carboxylic acid, 4-(4-(2-isopropyl-phenylsulfanyl)-3-trifluoromethyl-phenyl)-6-(3-(2H-tetrazol-5-yl)-piperidin-1-yl)-pyrimidine, 4-(4-(2-isopropyl-phenylsulfanyl)-3-trifluoromethyl-phenyl)-6-(4-(2H-tetrazol-5-yl)-piperidin-1-yl)-pyrimidine, (1-(6-(4-(2-isopropyl-phenylsulfanyl)-3-trifluoromethyl-phenyl)-pyrimidin-4-yl)-piperidin-3-yl)-methanol, 2-(1-(6-(4-(2-isopropyl-phenylsulfanyl)-3-trifluoromethyl-phenyl)-pyrimidin-4-yl)-piperidin-4-yl)-ethanol, N-(1-(4-(4-(2-isopropyl-phenylsulfanyl)-3-trifluoromethyl-phenyl)-pyridin-2-yl)-pyrrolidin-3-yl)-acetamide, 1-(4-(4-(2-methoxy-phenylsulfanyl)-3-trifluoromethyl-phenyl)-pyridin-2-yl)-pyrrolidine-3-ol, N-1-(4-(4-(2-methoxy-phenylsulfanyl)-3-trifluoromethyl-phenyl)-pyridin-2-yl)-pyrrolidine-3-yl)-acetamide, N-1-(4-(4-(2-methoxy-phenylsulfanyl)-3-trifluoromethyl-phenyl)-pyridin-2-yl)-pyrrolidine-3-yl)-acetamide, N-(1-(4-(2,3-dihydro-

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benzo(1,4)dioxin-6-ylsulfanyl)-3-trifluoromethyl-phenyl)-pyridin-2-yl)-pyrrolidin-3-yl)-
 acetamide, 4'-(4-(2,3-dihydro-benzo(1,4)dioxin-6-ylsulfanyl)-3-trifluoromethyl-phenyl)-
 3,4,5,6-tetrahydro-2H-(1,2')bipyridinyl-4-carboxylic acid and 4'-(4-(2,3-dihydro-
 benzo(1,4)dioxin-6-ylsulfanyl)-3-trifluoromethyl-phenyl)- 3,4,5,6-tetrahydro-2H-
 5 (1,2')bipyridinyl-3-carboxylic acid.

8. A composition comprising:

a compound of claim 1

in a pharmaceutically acceptable carrier.

9. A method of inhibiting inflammation or suppressing immune response in a
 mammal comprising administering to said mammal a therapeutic amount of a
 compound of claim 1.

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